Inventor: Rashesh C. Mody et al. Sheet 1 of 5
Filed: October 7, 2003
Title: A Tablet Computer System for Industrial Process Design, Supervisory Control, and Data Management
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Leydig, Voit & Mayer
Mark Joy
Docket No. 224183
(312) 616-5600

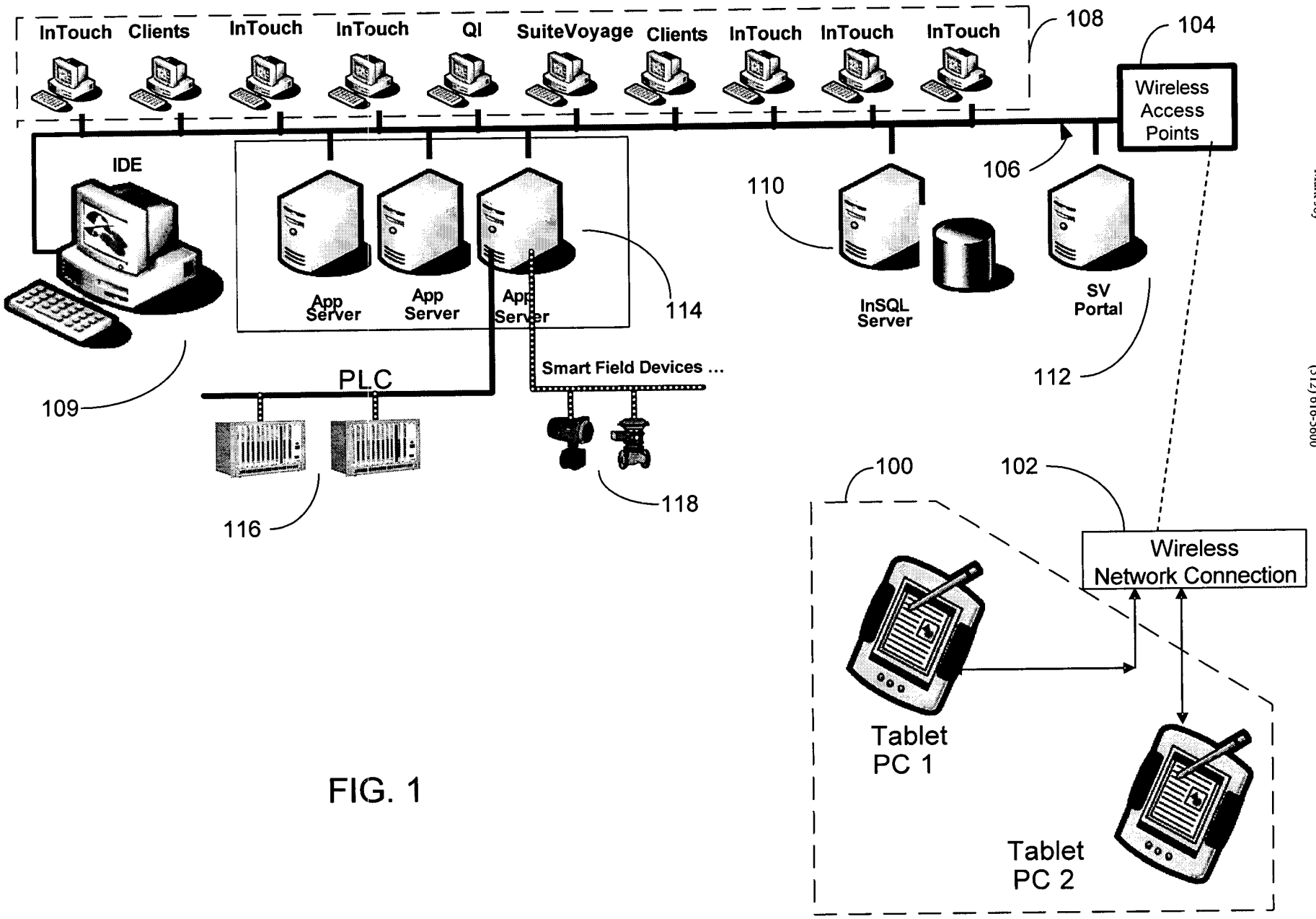

FIG. 1

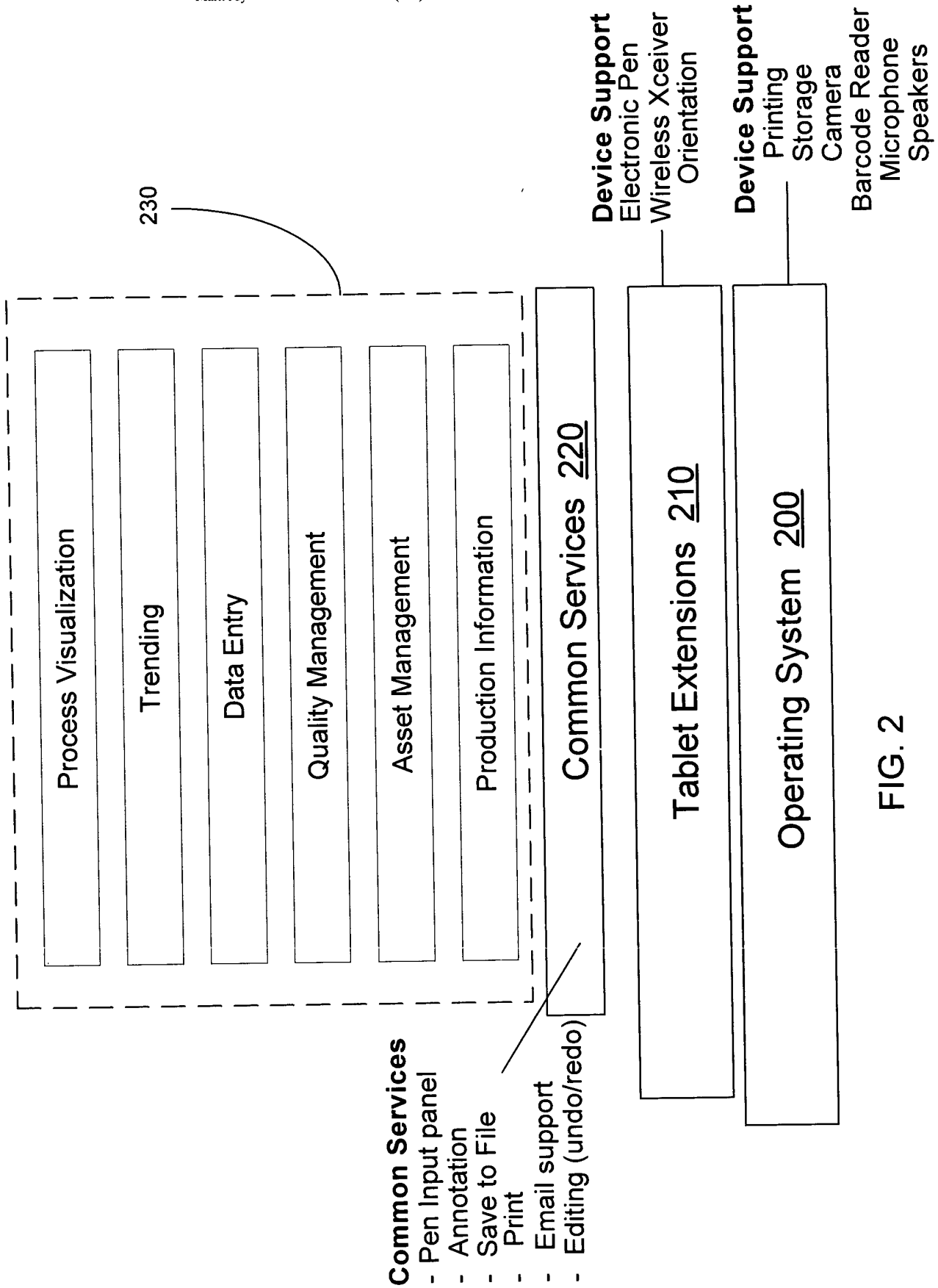
230
Process Visualization
Trending
Data Entry
Quality Management
Asset Management
Production Information
Common Services 220
Tablet Extensions 210
Operating System 200
Device Support
Electronic Pen
Wireless Xceiver
Orientation
Device Support
Printing
Storage
Camera
Barcode Reader
Microphone
Speakers
Common Services
- Pen Input panel
- Annotation
- Save to File
- Print
- Email support
- Editing (undo/redo)

FIG. 2

300	Collaborative Design
302	Production Data Management
304	Application Behavior Verification
306	Data Entry with Visual Feedback from non-digital devices usage
308	Image Capture
310	Data Entry
312	Off-line Data Analysis
314	On-line Data Analysis
316	On-line Annotation of Behavior
318	End of Shift Data Capture (Snapshot)
320	Security/Authentication

FIG. 3

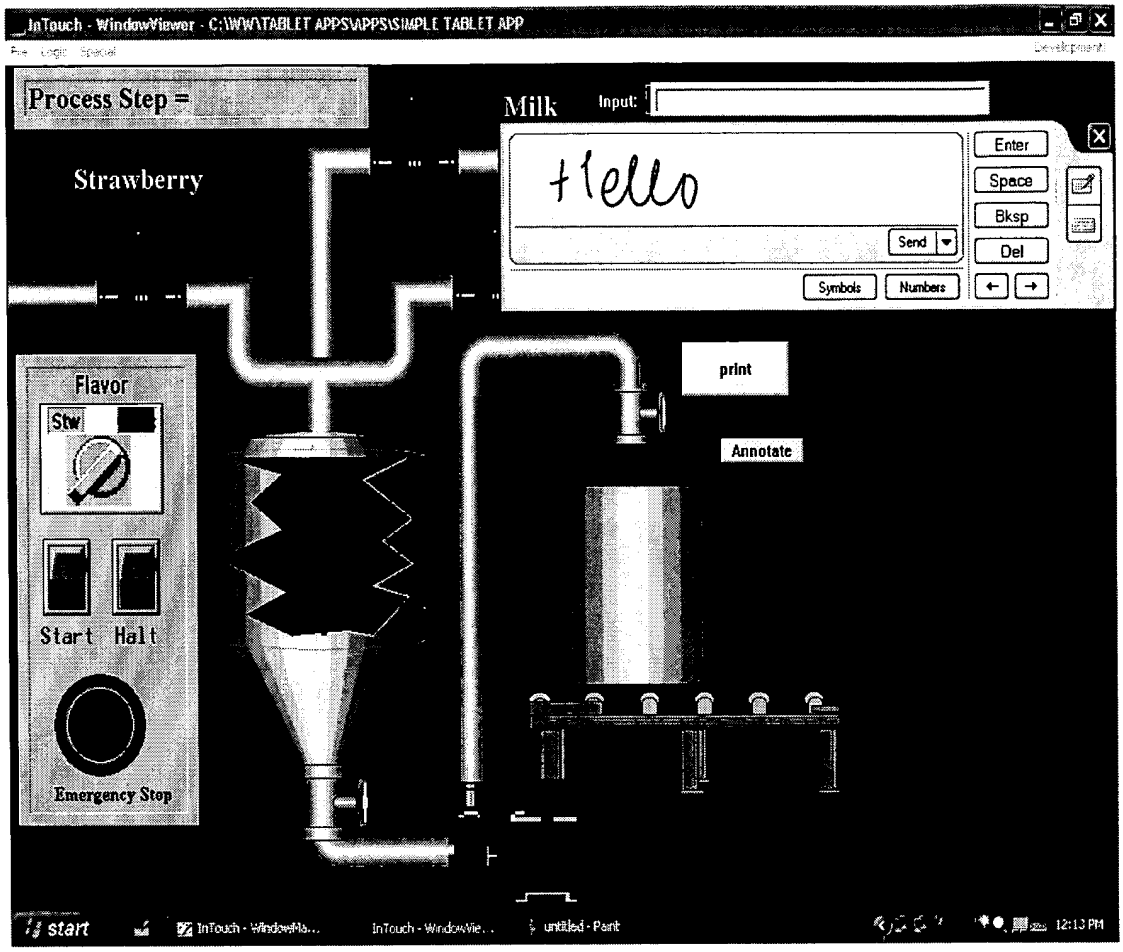
InTouch - WindowViewer - C:\WW\TABLET APPS\APPS\SIMPLE TABLET APP
Process Step =
Milk
Input:
Strawberry
Hello
Enter
Space
Bksp
Del
Send
Symbols
Numbers
print
Annotate
Flavor
Start
Halt
Emergency Stop
start
InTouch - WindowVie...
untitled - Paint
12:13 PM

FIG. 4

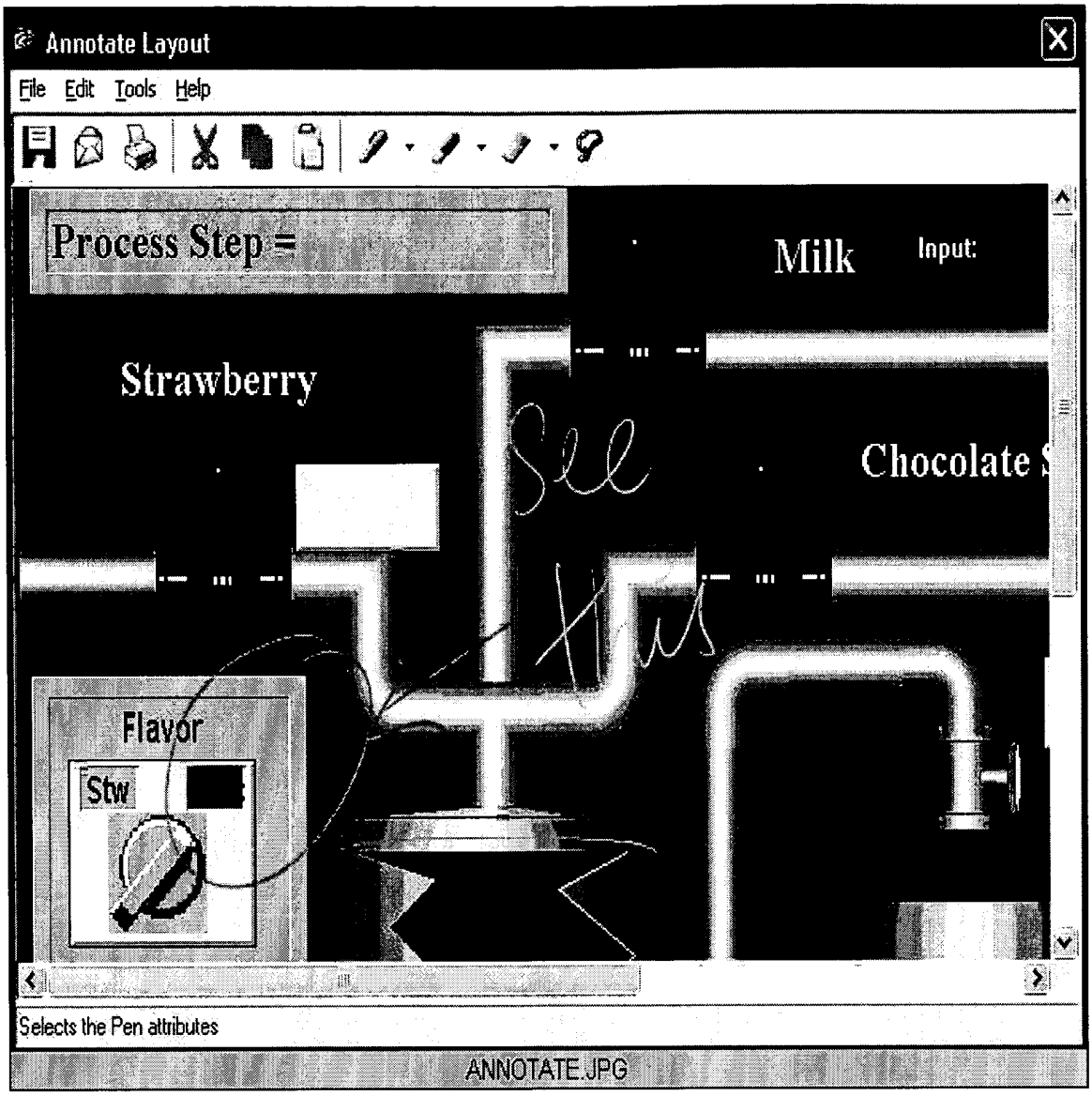
Annotate Layout
File Edit Tools Help
Process Step =
Milk
Input:
Strawberry
Chocolate
Flavor
Stw
Selects the Pen attributes
ANNOTATE.JPG

FIG. 5